

Report No.: DELTA Pendant Light

Test Time: 2023-10-10 21:55

Luminaire Property

Luminaire Category: Bridgelux V13C F90 3000K CRI90

Voltage: 232.7 V

Current: 0.107 A

Power: 23.80 W

Power Factor: 0.959

Photometric Results

CIE Class: Direct

Measurement Flux: 2871.8 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H65.2

Vertical Diffuse Angle(50%): V65.2

Luminaire Efficacy Rating (LER): 121

Max. Intensity: 2478.37 cd

Total Rated Lamp Lumens: 2871.8 lm

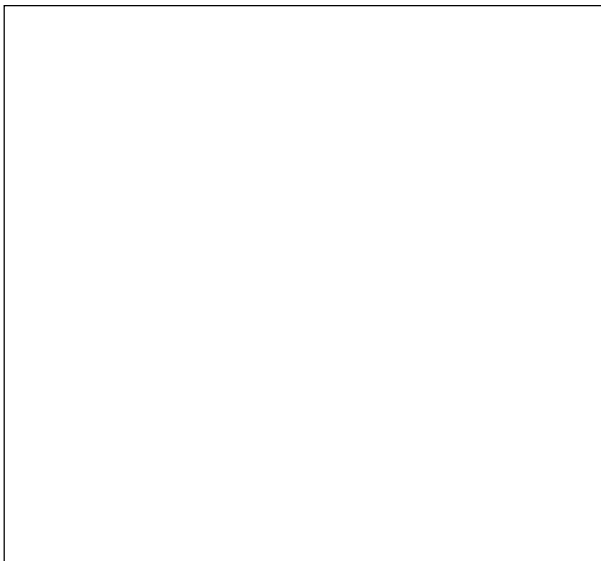
Efficiency: 100%

Upward Ratio: 0%

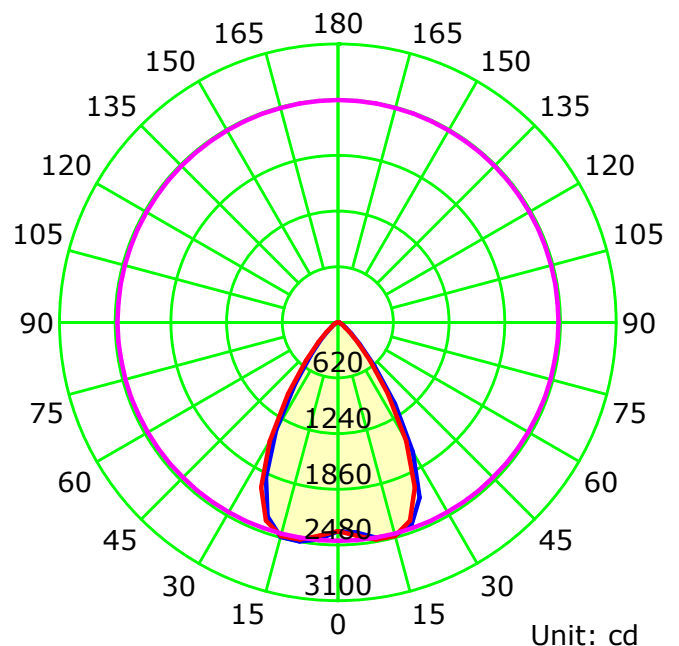
Central Intensity: 2323.31 cd

Pos of Max. Intensity: H180 V10

Picture Of Luminaire



Luminous Intensity Distribution Curve



— C0-C180 — C90-C270 — G10

C Plane (°):0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:5.0

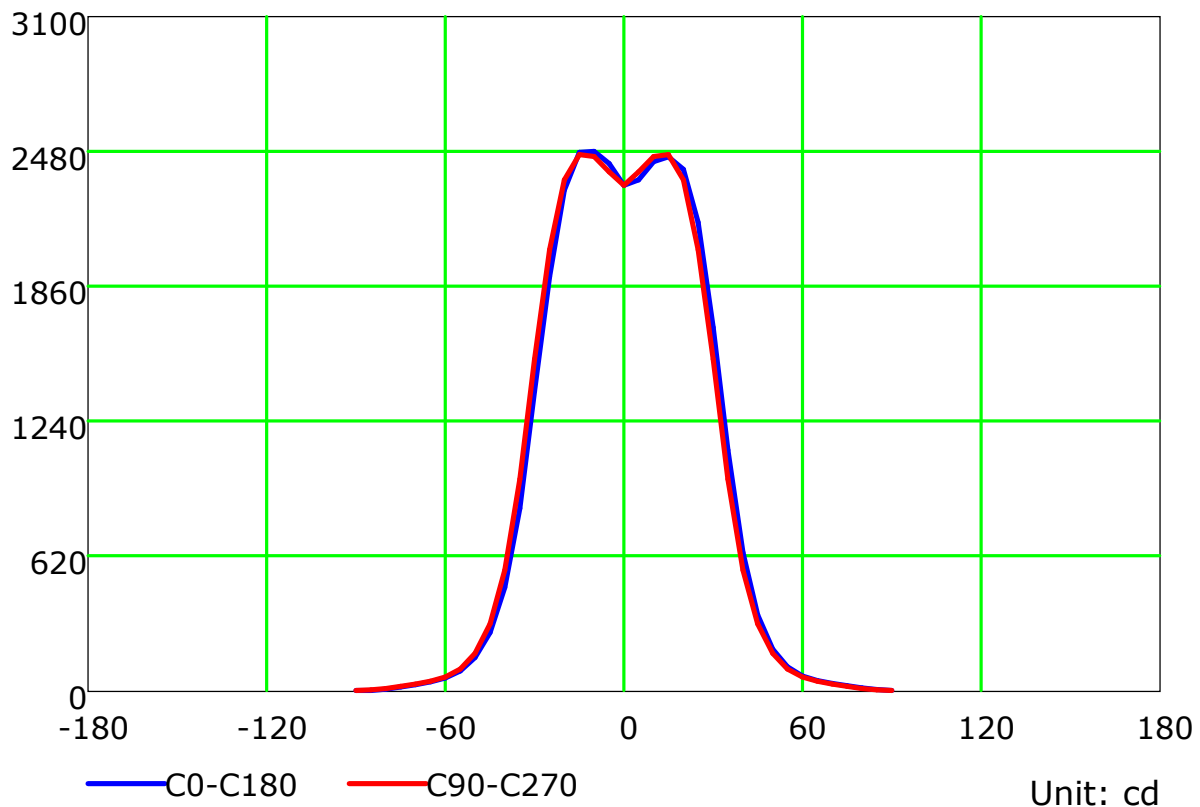
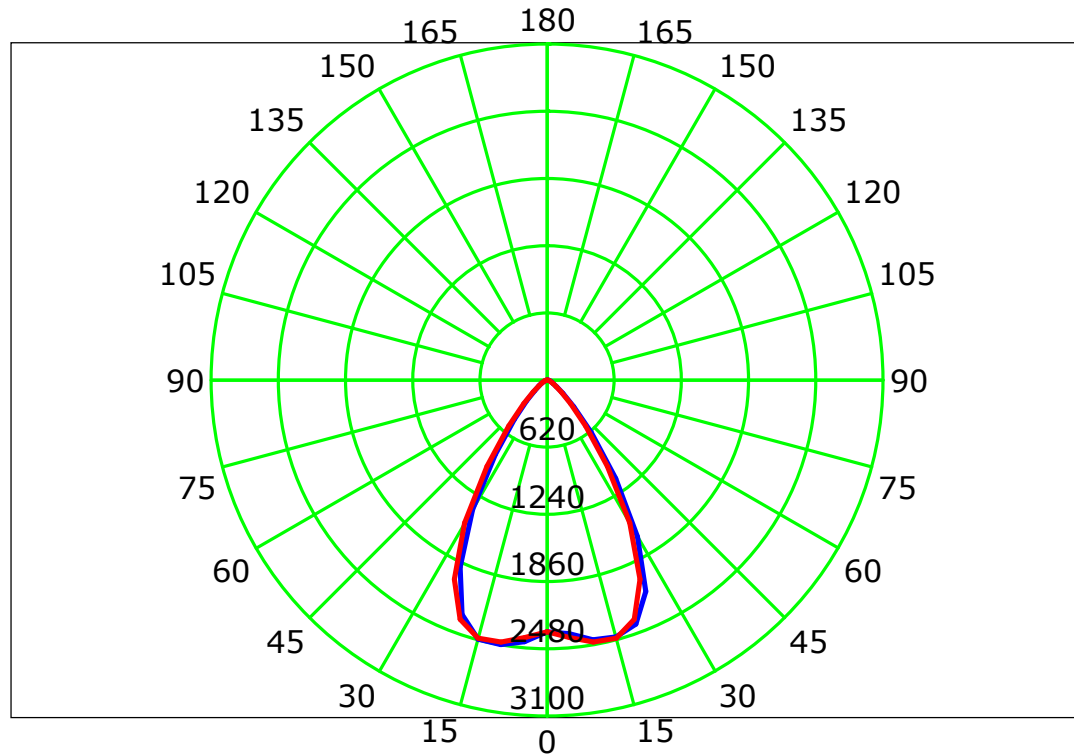
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

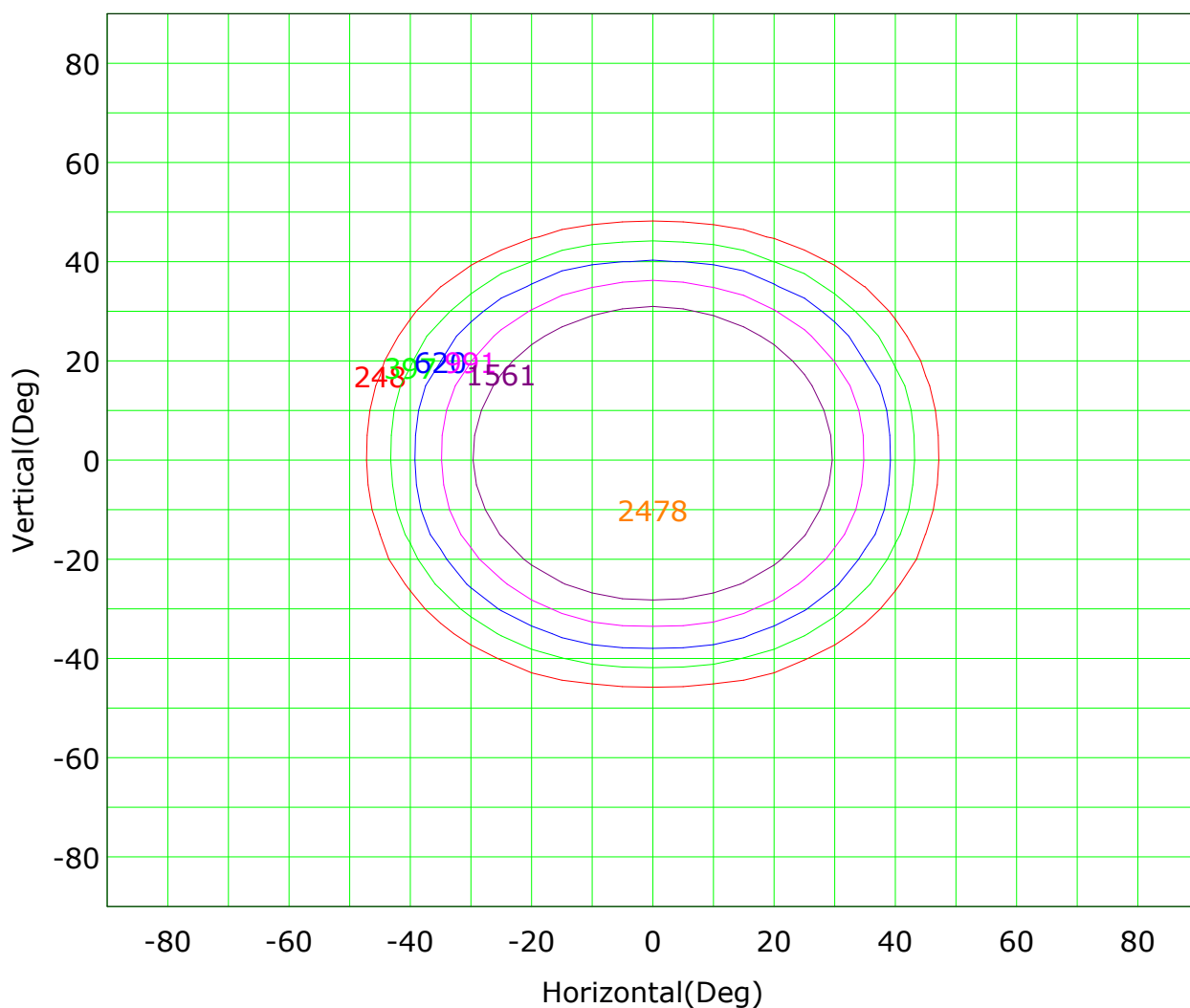
Luminous Intensity Distribution Curve



C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:5.0
Test Device: CHL-6E
Distance: 3.000 m
Humidity:
Inspector:

Isocandela (rectangle)



Imax (100%): 2478 cd

- (10%): 248 cd
- (25%): 620 cd
- (63%): 1561 cd

— (16%): 397 cd
— (40%): 991 cd
— (100%): 2478 cd

C Plane (°):0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:5.0

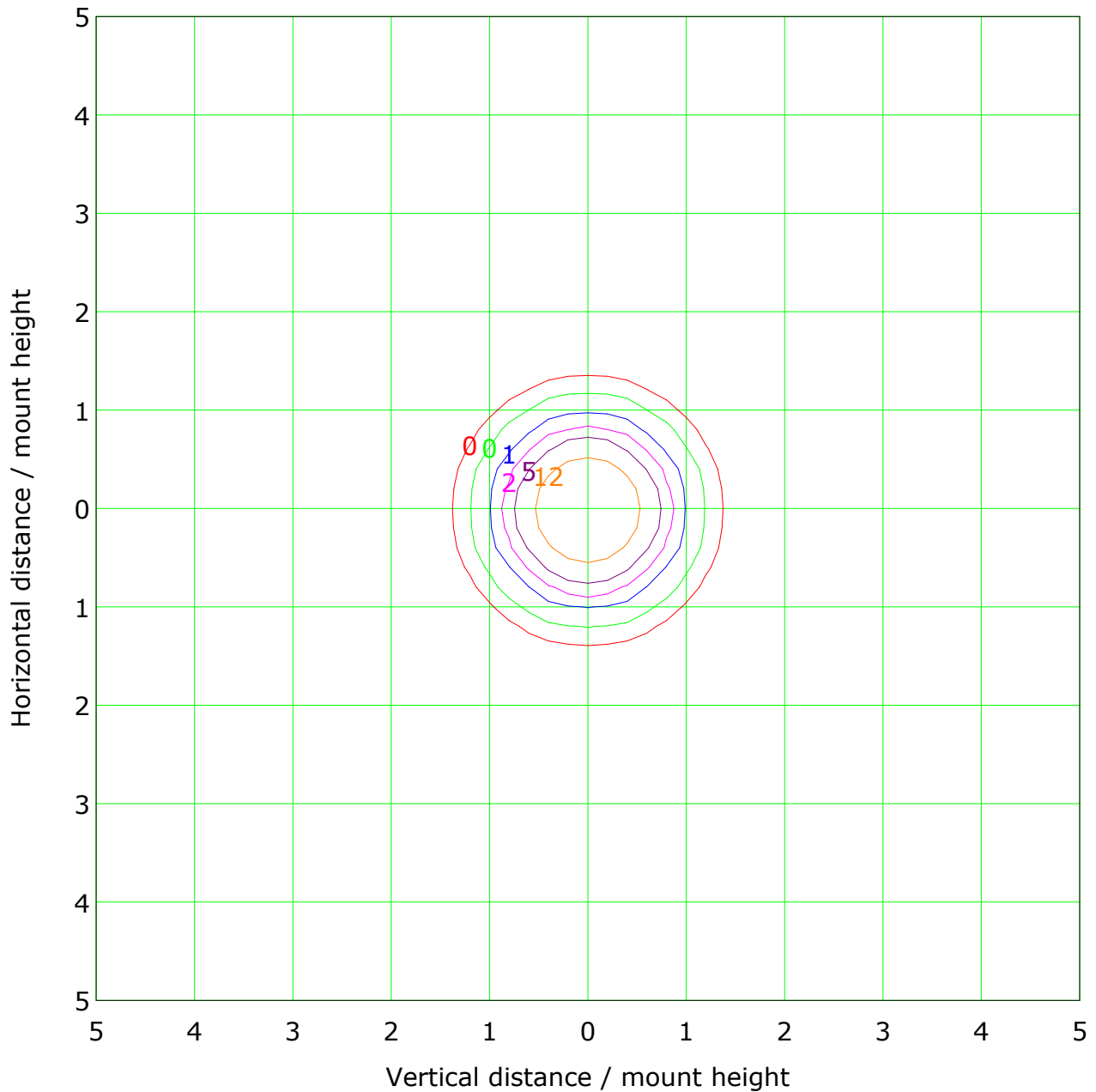
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot

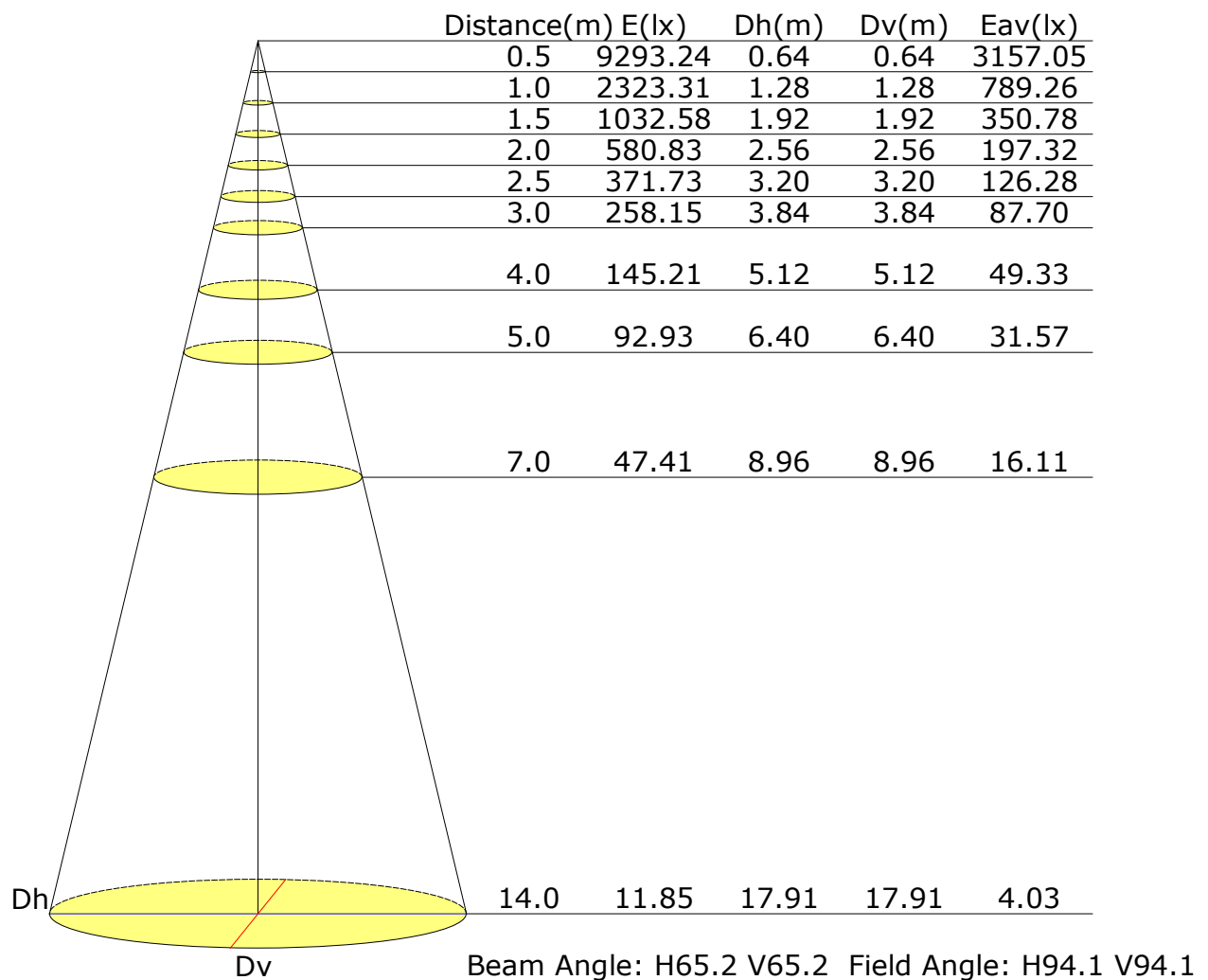


Mounting Height: 10m Max Lux(100%): 24 lx			
— (1%):	0 lx	— (2%):	0 lx
— (5%):	1 lx	— (10%):	2 lx
— (20%):	5 lx	— (50%):	12 lx
— (100%):	24 lx		

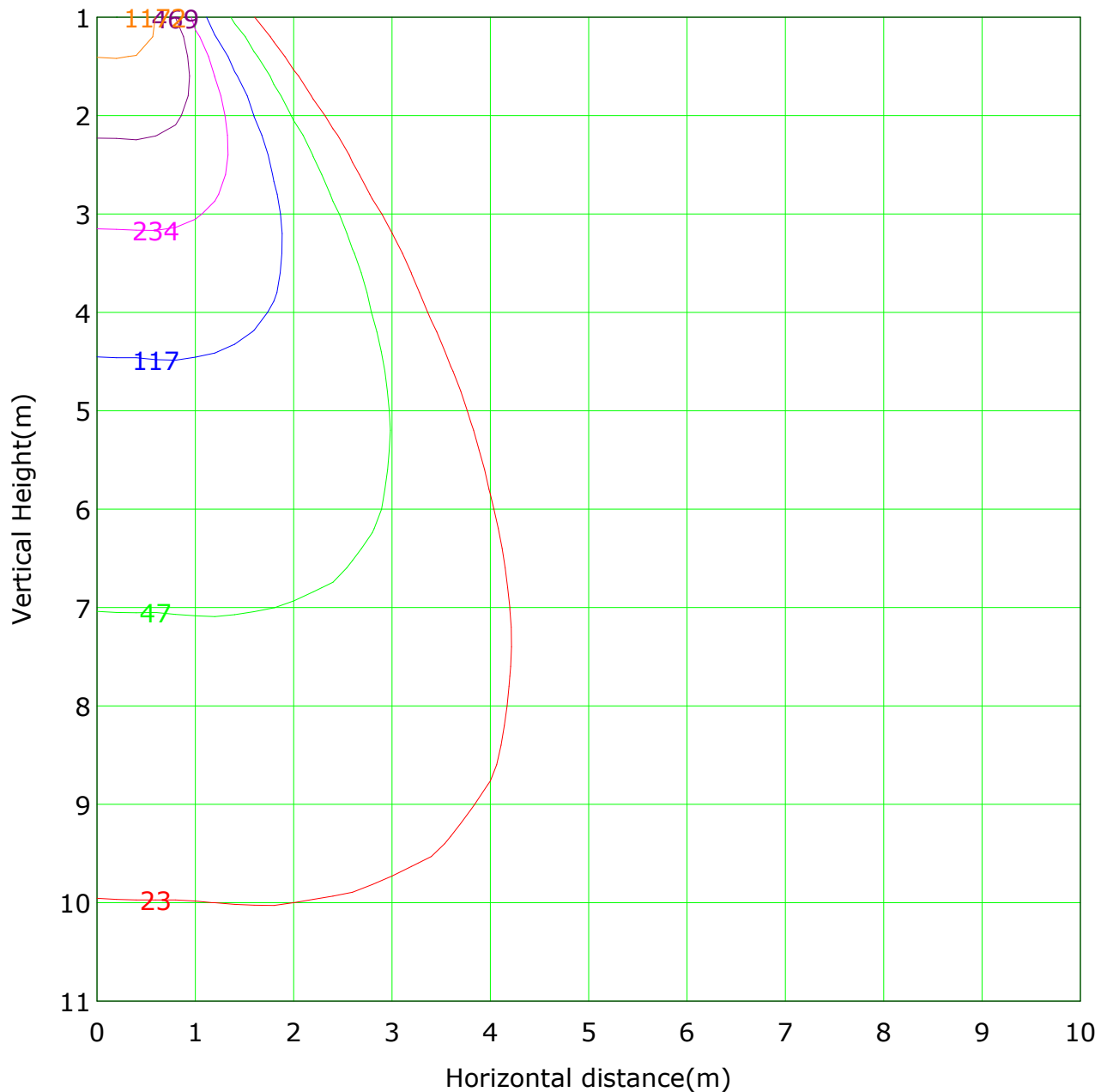
C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:5.0
Test Device: CHL-6E
Distance: 3.000 m
Humidity:
Inspector:

Illuminance at a Distance



Vertical IsoLux Plot

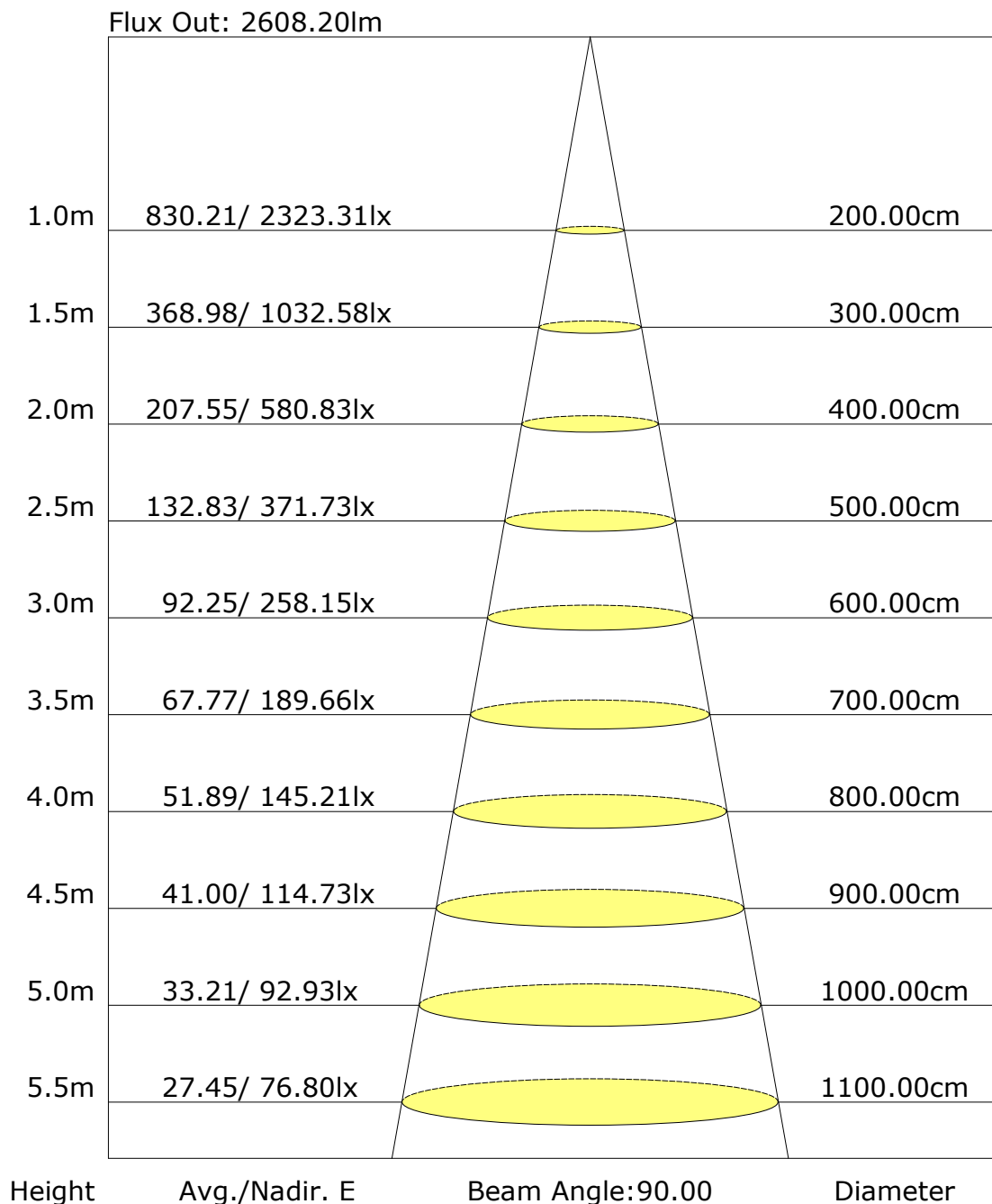


Lowest(m): 1m Highest(m): 11 Max Lux: 2344	
(1%): 23 lx	(2%): 47 lx
(5%): 117 lx	(10%): 234 lx
(20%): 469 lx	(50%): 1172 lx
(100%): 2344 lx	

C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:5.0
Test Device: CHL-6E
Distance: 3.000 m
Humidity:
Inspector:

The average illuminance effective figure



C Plane (°): 0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°): 0.0-90.0: 5.0
Test Device: CHL-6E
Distance: 3.000 m
Humidity:
Inspector:

Gamma Plane (°):0.0-90.0:5.0
Test Device: CHL-6E
Distance: 3.000 m
Humidity:
Inspector:

Unit: cd

Gamma Plane (°):0.0-90.0:5.0
Test Device: CHL-6E
Distance: 3.000 m
Humidity:
Inspector: